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Page 1 of 18

STATE OF IDAHO

DEPARTMENT OF HEALTH AND WELFARE
DIVISION OF ENVIRONMENT

Pursuant to the Provisions

of Section 39-115 of the Idaho Code,

and the Rules and Regulations for the Con
trol of Air Pollution in Idaho,

Idaho Portland Cement Company
Permittee, including affiliates, if any

Inkom, Idaho 83245 Located at

is hereby granted permission to operate the Air

Pollution Source(s) and Control Equipment specified

herein provided the emission limitations, monitoring

requirements and other conditions set forth in the

Source Permit(s) are complied with.

ulidation:

Issued \_\_\_\_\_\_7/18/79\_\_

Expiration 7/17/84

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•		SOURCE PERMIT NO.	13-0080-0004-01
	• ·	P	age <u>2</u> of <u>18</u>
Idaho Portlan	d Cement Company	located atIr	nkom, Idaho
is hereby gran	nted permission to	operate the followi	ng air pollution
source or cont	trol equipment: Num	aber 1 Allis Chalmer	s coal/gas fired
kiln controll	ed by a multiclone	system followed by	a Cottrell
electrostatic	precipitator.		
-			
Restrictions:			
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Exhaust Stack	Particulate	See Part III	Stack Test as required by Operation and Maintenance Manua
Exhaust Stack	so <sub>2</sub>	Sulfur content of coal < 1%	
Conditions:			
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•		SOURCE PERMIT NO. 1	3-0080-0004-02
		P	age <u>3</u> of <u>18</u>
Idaho Portla	nd Cement Company	located at <u>Inko</u>	om, Idaho
is hereby gra	nted permission to	operate the followi	
٠		mber 2 F.L. Smith co	
		system followed by	
precipitator	•	of one to the ment of	a cocurer creek
Proofession			
<u> </u>			
-			
Restrictions:			
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Exhaust Stack	Particulate	See Part III	Stack Test as required by Operation and Maintenance Ma
Exhaust Stack	so <sub>2</sub>	Sulfur content of coal < 1%	
		*	
Conditions:		•	see the second s
	•		
•		•	
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	•	•	SOU	RCE PERMI	т ио.	13-	-0080-0	0004-0	3
		· ·				Pag	e <u>4</u>	of _	18
	Idaho Portlan	d Cement Company		located	at <u>I</u>	nkom	, Idaho	)	
	is hereby gran	nted permission to	o ope	rate the	follo	wing	air p	olluti	.on
	source or con	trol equipment: N	lo. 1	Fuller co	ooler	cont	rolled	l by	
	a baghouse.								
	-								
		•							
	Restrictions:								
	Emission Point	Emission Characteristic	:	Emissio Limitati		1	Monit Requir		
Bagh	nouse Exhaust	Particulate		0.10 Pou			Stack requir		S
				material processo		(	Operat Mainte	ion an	
	•								
	Conditions:			· .					
	When a visible corrective act	emission from th	ie bag ement	house exc ed:	coods	5% c	pacity	•	
•	i i							•	
	Validation (if	Edifferent from 1	racil	ity Permi	t:)				
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		•	SOU	RCE PERMIT NO	. 13-	0080-00	04-04-	
		• •			Pa	ge <u>5</u>	of	18
	Idaho Portland	I Cement Company		located at In	kom,	Idaho		
		ted permission to					olluti	on
	source or cont	rol equipment: C	linkc	r elevator an	d si	lo stor	age	
		two baghouses.						
				<del></del>	- <u>-</u>			
						·		
				·	_ · ·-			
<b>&gt;</b> .								
	Restrictions:							
								( )
	Emission Point	Emission Characteristic		Emission Limitations		Monito Require	•	
Elevator Exhaust	r Baghouse	Particulate	,	0.10 Pounds per ton of material processed		Stack Trequire Operation Mainter	ed by ion and	Ŧ.
Silo Bac	ghouse Exhaust	Particulate		0.10 Pounds per ton of material processed				
	Conditions:							
	When a visible corrective act	emission from th	ie bag Lement	phouse exceeds	5%	opacity		
	j.							
>	Validation (if	different from E	Pacil	ity Pormit)				}
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	•		SOURCE PERMIT NO.	13-0080-0004-05
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	Idaho Portlan	d Coment Company	located at I	nkom, Idaho
	is heroby gra	nted permission to	operate the follow	
	source or con	trol equipment: #1	and #2 mill contro	olled by a baghouse.
	Restrictions:			
•	Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Bagh	ouse Exhaust	Particulate	0.10 Pounds per ton of material processed	Stack Test as required by Operation and Maintenance Manua
			•	·
	•			
	Conditions:		h.	
	When a visible corrective act	Pemission from the tion is to be imple	baghouse exceeds	5% opacity,
			•	
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	Validation (i	f different from F	acility Pormit)	•
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•		SOURCE PERMIT NO.	13-0080-0004-96
	• •		Page _7 _ of _18
Idaho Port	land Cement Company	/ located at I	nkom, Idaho
is hereby gra	nted permission to	operate the follo	wing air pollution
source or con	trol equipment: #3	Mill controlled	by a baghouse
			•
			· .
-			
Restrictions:			
			e <b>3</b>
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Baghouse Exhaust	Particulate	0.10 Pounds per ton of material processed	Stack Test as re- quired by Operatic and Maintenance Manual
		•	
Conditions:			
When visible e action is to be	missions from the be implemented.	paghouse exceed 5%	opacity, corrective
		•	
V .			
Validation (if	different from Fa	cility Permit)	
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		fire the second	11. 11. 11.

		SOURCE PERMIT NO.	13-0020-0004-07 -
		1	Page <u>8</u> of <u>18</u>
Idaho Portland	Coment Company	located atIr	nkom, Idaho
is hereby granted	l permission to o	pperate the follow	ing air pollution
source or control	equipment: Com	ment transfer to bu	ılk loadout storage
controlled by a b	aghouse		
*			
Restrictions:			
Reserrections.			<b>-</b>
		_ :	Maria de Arrida de
Emission Point Ch	Emission maracteristic	Emission Limitations	Monitoring Requirements
Baghouse Exhaust	Particulate	0.10 Pounds per ton of	Stack Test as required by
		material processed	Operation and Maintenance Manua
		Moccasca	Haircenance mana
			•
Conditions:			
When visible emiss action is to be in	sions from the banplemented.	aghouse exceed 5% (	opacity, corrective
		•	
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Validation (if di	.fferent from Fac	cility Permit)	
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	S	SOURCE PERMIT NO. 13-0080-0004-08	_
		Page 9 of 18	}
	Idaho Portland Coment Company	located at Inkom, Idaho	
	is hereby granted permission to c	operate the following air pollution	
	source or control equipment: Bu	ılk loading area baghouse	
	Restrictions:		
		* 1	•
	Emission Emission Point Characteristic	Emission Monitoring Limitations Requirements	,
Bag	house Exhaust Particulate	0.10 Pounds Stack Test as reper ton of quired by Operation and Maintenance Maprocessed ual	
		,	
	Conditions:		
	When visible emissions from the baaction is to be implemented.	aghouse exceed 5% opacity, corrective	
		•	
	Validation (if different from Fac	ility Permit)	
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•		SOURCE PERMIT NO.	13-0080-0004-09
			Page 10_ of 18
Idaho Portla	and Coment Company	located at Inl	com, Idaho
is hereby gra	nted permission to	operate the follow	ving air pollution
source or con		ement storage silos	controlled by a
Restrictions:			
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Baghouse Exhaust	Particulate	0.10 Pounds per ton of material processed	Stack Test as requi: by Operation and Maintenance Manual
		•	
Conditions:			
When visible of action is to b	emissions from the se implemented.	baghouse exceed 5%	opacity, corrective
<b>\</b>			
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•		SOURCE PERMIT NO.	13-0030-0004-10
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Idaho Portla	and Cement Company	located at In	nkom, Idaho
	ted permission to d		
source or cont	rol equipment: Pa	ckhouse and packa	aging operation
controlled by			
The state of the s			
			•
Restrictions:			
Emission	Emission	Emission	Monitoring
Point	Characteristic	Limitations	Requirements
house Exhaust	Particulate	0.10 Pounds per ton of	Stack Test as required by Operati
		material	and Maintenance
		processed	Manual
		t,	1
Conditions:			
When visible en	ilssions exceed 5% o	opacity from the l	baghouse,
corrective acti	on is to be impleme	ented.	
1	•		
Validation (if	different from Fac	ility Downith	

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		sou	RCE PERM.	IT NO.	13-0	080-0	004-1	1
•					Page	12	of	18
Idaho Portla	and Cement Compa	ny	located	at	Inkom,	Idah	0	<u> </u>
is hereby gran	ted permission (	co ope	rate the	follo	wing a	ir po	olluti	Lon
source or cont	rol equipment:	Raw Ma	terial c	rushir	ng, sc	rceni	ng an	<u>d</u>
transfer to sto	orage silos.							
		·						
	,	·						
						•		
						-		
Restrictions:	·							
Emission Point	Emission Characteristic		Emissic Limitati			onito quire		i
sher, Screens Conveyors	Particulate		Compliand 1- Regula Air Po	1252 o tions	f the	Rules e Cor	and	
	·							
	• .							
Conditions:		r. . ·			: **			
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Validation (if	different from	Facili	ty Permi	<u>'</u> :)				
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	SOURCE PERMIT NO. 13-0080-0004-12
• • • • • • • • • • • • • • • • • • •	Page 13 of
Idaho Portland Cement Company	located at Inkom, Idaho
	o operate the following air pollution
· ·	Railcar clinker receiving area (botto
dump unloading hopper and conve	
The state of the s	C) IIIg).
Restrictions:	
Emission Emission Point Characteristic	Emission Monitoring Limitations Requirements
Area Conveying Particulate	Compliance with section 1-125 and 1-1252 of the Rules and Regulations for the Control of Air Pollution In Idaho.
	•
Conditions:	
¥	
Jalidation (if different from	Facility Pormit)

		·
-		SOURCE PERMIT NO. 13-0080-0004-18
	• •	Page 14 of 18
Jdah	o Portland Coment C	o. located at Inkom, Idaho
is hereby gran	nted permission to c	operate the following air pollution
source or cont	rol equipment: Co	al receiving and storage area
(bottom dump c	oal hopper, transfe	r and storage).
Restrictions:		
Emission	Emission	Emission Monitoring
Point	Characteristic	Limitations Requirements
Dump area, Conveying and	Particulate	Compliance with sections 1-1251 a 1-1252 of the Rules and Regulation
torage		for the Control of Air Pollution Idaho.
Conditions:		
$\hat{X}_{\pm}$		
Validation (if	different from Fac	cility Pormit)
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Expiratio	And the state of t	Million Klein

#### PART II GENERAL PROVISIONS

- All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant identified in this permit in excess of that authorized, or non-compliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules and Regulations for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101 et seq.
- B The permittee shall at all times (except as provided by breakdowns as defined in the Rules and Regulations for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws.
- C The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
  - 1) To enter upon the permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and

- any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit, and to sample any emission of pollutants.
- Except for data determined to be confidential under section 39-111, <u>Idaho Code</u>, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environment.
- E Nothing in this permit shall be construed to preclude institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable federal, state, or local law or regulation.
- In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.

- The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
- Until the expiration date, this permit shall be renewable annually, provided the permittee submits any and all information required by the Director to assess the air pollution impact of the equipment for which the permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- I The Department may require the permittee to develop an Operational and Maintenance Manual which must be approved by the Director. Such Manual shall become a part of this permit by reference, and failure to comply with the terms of the Manual shall constitute a violation of this permit.
- J The permittee shall provide the appropriate regional office a minimum of five (5) days notice prior to conducting any compliance tests required pursuant to this permit. Any records or data generated as a result of such compliance tests shall be made available to the Department upon request.

#### PART III

#### EMISSION LIMITATIONS

FACILITY PERMIT NO. 13-0080-0004-00

Page 18 of 18

1. Allowable Mass Emission Rate (Effective on Issuance of Permit Unless Otherwise Noted)

A person shall not discharge into the atmosphere from any source operating prior to February 1, 1979 particulate matter in excess of the amount shown by the following equations:

If PW is less than 17,000 pounds per hour,

 $E = .045 (PW)^{0.60}$ 

If PW is equal to or greater than 17,000 pounds per hour,

 $E = 1.12 (PW)^{0.27}$ 

Where E is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour.

2. Allowable Grain Loading Rate (Effective January 1, 1981)

A person shall not discharge into the atmosphere from any source, particulate matter in excess of the concentration shown by the following equation:

$$C = 3.0 (V)^{-.35}$$

Where C is the allowable concentration in grains per standard dry cubic foot of effluent gas and V is the volume of the effluent gas in standard dry cubic feet per minute.